

**GOVERNMENT OF ANDHRA PRADESH
ABSTRACT**

National Rural Employment Guarantee Scheme (NREGS-AP) - Horticulture - Rubber Plantation in Rampachodavaram - Amendment to the orders issued:

PANCHAYAT RAJ AND RURAL DEVELOPMENT (RD-II) DEPARTMENT

G.O.Ms.No: 269

Date:29.08.2009

Read the following

- 1) G.O.Ms.No.9, PR&RD (RD-II) Dept, dated: 15.01.09
- 2) Minutes of meeting held on 26-3-2009 in the chambers of Prl. Secretary to Govt. Tribal Welfare Department, Govt. of AP.
- 3) Lr.No.TRICOR/A2/851/2007.,Dt.15/05/2009 of Director, Tribal Welfare Department, Hyderabad,
- 4) Lr.No.8685/2007/Horti., dated.22.6.2009 of Commissioner, RD

ORDER

In the GO.Ms.No.9,dtd.15-1-2009, Govt. have accorded permission for taking up Rubber plantations in ITDA Rampachodavaram of East Godavari district covering an extent of about 31,000 acres in six years starting from 2008-09.

A meeting was held on 26-3-2009 in the Chambers of the Prl Secretary, (Tribal Welfare) for a comprehensive review of the plantations taken up during 2008-09 and the arrangements for taking up 10,000 acres in 2009-10 and certain decisions are taken revising year wise extent of plantation and plant material procurement etc. In view of the paucity of funds in TRICOR during the PO,ITDAs meeting held on 28-4-2009 chaired by Prl Secretary, Rural Development, it was decided to provide 100% assistance to the Rubber plantation from NREGS funds which will be taken up as a special stream project In ITDA, Rampachodavaram.

PO, ITDA, Rampachodavaram informed that Rubber seeds are required to be procured only from the Rubber Board to maintain standards and quality of the seedlings. It normally takes two years to raise a stump which is suitable for plantation. Therefore, for 2011-12 plantations seed has to be procured now. In order to go ahead with the plantations for the year 2010-2011, it is decided to procure rubber stumps and maintain them in ITDA Rampachodavaram nurseries.

Director, Tribal Welfare reported that, during 2008-09 only 707 acres of Rubber plantation was taken up as against the targeted area of 1100 acres and it was proposed to take up about 6000 acres during 2009-10 as against the targeted area of 10000 acres due to shortage of plant material availability in Kerala for 2010-2011.

In view of the above developments, the Commissioner, Rural Development has submitted the proposals vide ref. 4th cited proposing certain changes in the G.O.Ms.No.9, PR&RD (RD-II) Dept, dated:15.01.09. The Government after careful consideration issues following orders in partial modifications to the G.O.Ms.No.9, PR&RD (RD-II) Dept, dated: 15.01.09.

Contd..

1.The year wise coverage is revised as shown below.

(Area in acres)

S.No	Year	Rubber plantation
1	2008-09	707
2	2009-10	6000
3	2010-11	3000
4	2011-12	3000
5	2012-13	3000
6	2013-14	3000
7	2014-15	3000
8	2015-16	3000
9	2016-17	3000
10	2017-18	2293
	Total	30000

2. Assistance under NREGS shall be given for

- Raising Rubber Nurseries
- Raising Rubber plantations including maintenance for 7 years

It is estimated that the revised total cost of Rubber project would be Rs.166.02 crores. The total project cost shall be funded under NREGS-AP special stream funds. Year wise break up is enclosed in Annexure-4.

During the year 2008-09 and 2009-10, PO, ITDA Rampachodavaram may procure Rubber stumps from a good quality nursery by following due procedure prescribed by Government. From the year 2009-10 onwards, PO, ITDA shall procure quality seed with the help of Rubber Board and raise nurseries. Based on the calendar of operations, PO, ITDA shall ensure that advance action is taken, so that, raising of good quality plant material in ITDA itself is accomplished. Since the plantation has long term vision, PO,ITDA shall take steps to strengthen the mother block so that, over a period of time, ITDA Rampachodavaram will become fully self sufficient in implementing all stages of plantations without depending on any out side agency. PO, ITDA shall follow the procedure as envisaged in G.O. RT.No.428 of Principal secretary, Social Welfare (GCC-1) Dept. dated.17.6.08 for procurement of rubber stumps and rubber seeds.

3. Administrative Cost:

Present level of administrative cost is being considered for revision. Separate orders will be given on permissible administrative cost.

These orders shall come into effect immediately. A Copy of this order is available on the internet and can be accessed at [http:// www.rd.ap.gov.in](http://www.rd.ap.gov.in)

(BY ORDER AND IN THE NAME OF THE GOVERNOR OF ANDHRA PRADESH)

K.RAJU

PRINCIPAL SECERETARY TO GOVERNMENT

To

The Commissioner, Rural Development, A.P. Hyderabad

The Commissioner, Tribal welfare, A.P. Hyderabad

The District collector and Magistrate of East Godavari District

The Project Officer, ITDA, Rampachodavaram, East Godavari District

The Field Officer, Rubber Board, Devarapalli, East Godavari District

The Project Director, DWMA, East Godavari District

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The Chief Executive Officer, Zilla Parishad East Godavari District
The P.S. to Prl.Secy to Government (RD)
The P.S. to Prl.Secy to Government (PR)
The PR & RD (Genl.) Department

//FORWARDED :: BY ORDER//

SECTION OFFICER

Annexure-I

Revised Estimate for Establishment and maintenance of Mother(Scion) Block - 1 year

Sl. No.	Item	Quantity	Units	Rate	Labour	Material	Total
1	2	3	4	5	6	7	8
1	Bush clearance	10000	Sq.mt	0.9	9000		9000
2	Land preparation	2.5	acre	800	2000		2000
3	Marking with peg & pegs preparation	2.5	acre	2000	5000		5000
4	Digging of pits (0.45 X 0.45X 0.6 mts)	10000	Nos	8.26	82600		82600
5	Plants cost	10000	Nos	50		500000	500000
6	Pit filling	10000	Nos	4	40000		40000
7	Planting	10000	Nos	4	40000		40000
8	Irrigation once in 5 days for 8 months (48 times)	48	times	2000	96000		96000
9	Weeding & Inter culture Operations for 12 times in a year	12	times	2500	30000		30000
10	Manures and Fertilizers cost	10000	Nos	5		50000	50000
11	Plant Protection	10000	Nos	2	10000	10000	20000
12	Fencing	625	Sq.mt	150	46875	46875	93750
	Total				361475	606875	968350

Establishment of mother block with 10000 plants in an extent of 2.50 acres during 2008-09, to be used as source of budding material for the plants for 30000 acres over the next 5 years i.e. 2009-10 to 2014-15.

2nd year Maintenance							
1	Irrigation once in 5 days for 8 months (48 times)	48	times	2000	96000		96000
2	Weeding & Inter culture Operations for 8 times in a year	8	times	2500	20000		20000
3	Manures and Fertilizers cost	10000	Nos	6		60000	60000
4	Plant Protection	10000	Nos	3	15000	15000	30000
	Total:				131000	75000	206000

3rd Year Maintenance							
1	Irrigation once in 5 days for 8 months (48 times)	48	times	2000	96000		96000
2	Weeding &Inter culture operations for 8 times in a year	8	times	2500	20000		20000
3	Manures and Fertilizers cost	10000	Nos	6		60000	60000
4	Plant Protection	10000	Nos	3	15000	15000	30000
	Total:				131000	75000	206000

4th Year Maintenance

Sl. No.	Item	Quantity	Units	Rate	Labour	Material	Total
1	2	3	4	5	6	7	8
1	Irrigation once in 5 days for 8 months (48 times)	48	times	2000	96000		96000
2	Weeding &Inter culture operations for 6 times in a year	6	times	2500	15000		15000
3	Manures and Fertilizers cost	10000	Nos	7		70000	70000
4	Plant Protection	10000	Nos	3	15000	15000	30000
	Total				126000	85000	211000

5th Year Maintenance

1	Irrigation once in 5 days for 8 months (48 times)	48	times	2000	96000		96000
2	Weeding &Inter culture operations for 6 times in a year	6	times	2500	15000		15000
3	Manures and Fertilizers cost	10000	Nos	7		70000	70000
4	Plant Protection	10000	Nos	4	20000	20000	40000
	Total:				131000	90000	221000

ABSTRACT

Sl. No.	Year	Estimated cost		Total cost
		Labour	Material	
1	1st Year	361475	606875	968350
2	2nd year	131000	75000	206000
3	3rd Year	131000	75000	206000
4	4th Year	126000	85000	211000
5	5th Year	131000	90000	221000
	Total:	880475	931875	1812350

K.RAJU
PRINCIPAL SECRETARY TO GOVERNMENT (RD)

Annexure – 2

A. Rubber Nursery - Infrastructure fixed cost

Sl.No	Item	Quantity	units	Rate (Rs)	Labour cost	Material Cost	Total (Rs)
1	2	3	4	5	6	7	8
I	Fencing						
1	Cost of poles (4"x3"x6') size	200	Nos	250		50000	50000
2	Cost of ordinary barbed wire	500	Kg	70		35000	35000
3	Cost of binding wire	50	Kgs	70		3500	3500
4	Erection cost	--		100	5000		5000
II	Shade net						
1	Cost of Shade net	20000	sq.mt	20		400000	400000
2	Cement poles cost (5"x4"x8') size	1000	Nos	500		500000	500000
3	Cost of Wire	20000	mts	6		120000	120000
4	HDPE stitching rope cost	20	Kg	400		8000	8000
5	Erection cost including pit digging	1000	Nos	20	20000		20000
6	Drip lateral Cost (16 mm)	500	mts	8		40000	40000
7	Foggers Cost	200	Nos	200		40000	40000
8	Electric Motors cost (1HP)	2	Nos	10000		20000	20000
9	PVC Pipes & accessories cost	1000	Rmt	60		60000	60000
10	Unforeseen expenditure			LS		10000	10000
	TOTAL				25000	1286500	1311500

B. Raising Rubber Nursery (1.20 lakh seedlings)

I	Raising of seed germination beds						
1	Preparation of raised beds (10 X 1 X 0.3 Mts.)	14	Beds	270	3780		3780
2	Cost of Rubber seed	1200	Kg	40	0	48000	48000
3	sowing of seeds in bed covering with hay.	14	Beds	40	560		560
4	Watering the beds daily twice from the date of sowing including weeding for 3 months	14	Beds	198	2772		2772
II	Secondary nursery beds (planting germinated seeds in beds)						
1	Preparation of secondary nursery beds (10 X 1.5 Mts.)	1120	Beds	20	22400		22400
2	Planting germinated seeds in beds	1120	Beds	10	11200		11200

Sl.No	Item	Quantity	units	Rate (Rs)	Labour cost	Material Cost	Total (Rs)
3	Budding charges including poly strips and knife cost	150000	Nos	2	300000		300000
III	Raising budded seedlings in poly bags						
1	Cost of poly bags (10"x18"x350guage)	2200	Kg	110		242000	242000
2	Filling and arranging of poly bags	120000	Nos	1.25	150000		150000
3	Planting of budded stumps	120000	Nos	0.25	30000		30000
4	Watering poly bags for 8 months	120000	Nos	0.42	50000		50000
5	Plant Protection	5	Sprays	2000		10000	10000
6	Cost of Vermicompost	110	tons	5000		550000	550000
7	Cost of fertilizers					25000	25000
8	Weeding (1,20,000 Nos)	12	Times	1000	12000		12000
9	Watch & ward	8	Month	3000	24000		24000
10	Unforeseen expenditure	--		Lumpsum		17000	17000
Total					606712	892000	1498712
OR							
B. Maintenance of budded stumps in nursery							
I	Cost of budded stumps (If directly purchased without raising seedlings)	120000	Nos.	20		2400000	2400000
II	Raising budded seedlings in poly bags						
1	Cost of poly bags (10"x18"x350guage)	2200	Kg	110		242000	242000
2	Filling and arranging of poly bags	120000	Nos	1.25	150000		150000
3	Planting of budded stumps	120000	Nos	0.25	30000		30000
4	Watering poly bags for 8 months	120000	Nos	0.42	50000		50000
5	Plant Protection	5	Sprays	2000		10000	10000
6	Cost of Vermicompost	110	tons	5000		550000	550000
7	Cost of fertilizers					25000	25000
8	Weeding (1,20,000 Nos)	12	Times	1000	12000		12000
9	Watch & ward	8	Month	3000	24000		24000
10	Unforeseen expenditure	--		Lumpsum		17000	17000
	Total				266000	3244000	3510000

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PRINCIPAL SECRETARY TO GOVERNMENT (RD)

Annexure-3
Raising Rubber Plantation including maintenance per acre

1st Year

Spacing : 4.2 X 5				195 plants per acre			
1	Pits Digging (0.75x0.75x0.75 Mt.)	195	Nos	28.7	5597		5597
2	Mixing manures & fertilizers in soil and filling pits.	1	acre	195	195		195
3	Cost of wood fencing	280	RMT	10	2800		2800
4	Cost of live fencing with close spacing bamboo plants including maintenance	1	acre	500		500	500
5-a	Digging of Sunken pits(1.50x05x03 Mt.)	195	Nos	14.84	2894		2894
b	*Watering the plants 15 times per annum beyond 30 mts. Distance from the field during dry periods.	195	Nos	30	5850		5850
6	Planting ,Stalking and initial watering	195	Nos	4	780		780
7	Manual weeding six times between Plant rows at 2.5 mts width.	6	Times	1000	6000		6000
8	Plants Cost (sapplings raised in nursery)	195	Nos	0	0	0	0
9	Plants Transport	195	Nos	6		1170	1170
10	Manures and Fertilizers cost	1	acre	1000		1000	1000
11	Plant Protection (including spraying on fencing to control termites)	1	acre	1000		1000	1000
12	*Inter/ Cover crops	1	acre	800		800	800
13	Tools and Tackles	1	acre	200		200	200
14	Insurance	1	acre	1000		1000	1000
15	Para Workers Honorarium for Technical Guidance	1	acre	240		240	240
	Total				24116	5910	30026
2nd Year Maintenance							
Sl. No.	Item	Quantity	Units	Rate	Labour	Material	Total
1	2	3	4	5	6	7	8
1	Maintenance of wood fencing	1	acre	500	500		500

2	Reopening of Pits and Casualty Replacement including Planting Stalking and Initial watering	78	Nos	8	624		624
3	Manual weeding four times between Plant rows at 2.5 mts width.	4	Times	1000	4000		4000
4	Plants Cost (sapplings raised in nursery)	78	Nos	0		0	0
5	Transport Cost of plant material	78	Nos	6		468	468
6	Manures and Fertilizers cost	1	acre	1000		1000	1000
7	Plant Protection	1	acre	490		490	490
8	Inter/ Cover crops	1	acre	800		800	800
9	Maintenance of Tools and Tackles	1	acre	50		50	50
10	Para Workers Honorarium for Technical Guidance	1	acre	240		240	240
	Total:				5124	3048	8172
3rd Year Maintenance							
1	Maintenance of wood fencing	1	acre	300	300		300
2	Manual weeding two times between Plant rows at 2.5 mts width.	2	Times	1000	2000		2000
3	Manures and Fertilizers cost	1	acre	1000		1000	1000
4	Plant Protection	1	acre	400		400	400
5	Inter/ Cover crops	1	acre	800		800	800
6	Maintenance of Tools and Tackles	1	acre	50		50	50
7	Para Workers Honorarium for Technical Guidance	1	acre	240		240	240
	Total:				2300	2490	4790
4th Year Maintenance							
Sl. No.	Item	Quantity	Units	Rate	Labour	Material	Total
1	2	3	4	5	6	7	8
1	Maintenance of wood fencing	1	acre	200	200		200
2	Manures and Fertilizers cost	1	acre	800		800	800
3	Maintenance of Tools and Tackles	1	acre	50		50	50
4	Para Workers Honorarium for Technical Guidance	1	acre	240		240	240
Total					200	1090	1290

5th Year Maintenance							
1	Manures and Fertilizers cost	1	acre	800		800	800
2	Maintenance of Tools and Tackles	1	acre	50		50	50
3	Para Workers Honorarium for Technical Guidance	1	acre	240		240	240
	Total:				0	1090	1090
6th Year Maintenance							
1	Manures and Fertilizers cost	1	acre	600		600	600
2	Maintenance of Tools and Tackles	1	acre	50		50	50
3	Para Workers Honorarium for Technical Guidance	1	acre	240		240	240
	Total					890	890
7th Year Maintenance							
1	Manures and Fertilizers cost	1	acre	600		600	600
2	Maintenance of Tools and Tackles	1	acre	50		50	50
3	Para Workers Honorarium for Technical Guidance	1	acre	240		240	240
	Total:					890	890

Abstract (Plantation)				
S.No	Year	Estimated Cost		Total Cost (in Rs.)
		Labour	Material	
1	2	3	4	5
1	1st Year	24116	5910	30026
2	2nd Year	5124	3048	8172
3	3rd Year	2300	2490	4790
4	4th Year	200	1090	1290
5	5th Year		1090	1090
6	6th year		890	890
7	7th year		890	890
Total		31740	15408	47148

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PRINCIPAL SECRETARY TO GOVERNMENT (RD)

Annexure-4

Total Rubber Project Cost

Sl. No	Year	Nursery				Plantation												Total (Nursery + Plantation)	2% Ad min cost	Total Project cost
		Mot her bloc k	Infrastr ucture cost	Nursery raising	Total Nursery cost	Unit cost (in Rs.)	1st year (707) acres	2nd year (6000) acres	3rd year (3000) acres	4th year (3000 acres)	5th year (3000 acres)	6th year (3000) acres	7th year (3000 acres)							
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21
1	2007-08	10	13	48.39	71.39													71.39	1.00	72.39
2	2008-09	2		430.06	432	30026	212.28										212.28	644.34	21.70	666.04
3	2009-10	2		492.48	494	8172	57.78	1801.56									1859.34	2353.82	21.70	2375.52
4	2010-11	2		410.34	412	4790	33.87	490.32	900.78								1424.97	1837.31	21.70	1859.01
5	2011-12	2		122.85	125	1290	9.12	287.40	245.16	900.78							1442.46	1567.31	21.70	1589.01
6	2012-13			122.85	123	1090	7.71	77.40	143.70	245.16	900.78						1374.75	1497.60	21.70	1519.30
7	2013-14			122.85	123	890	6.29	65.40	38.70	143.70	245.16	900.78					1400.03	1522.88	21.70	1544.58
8	2014-15			122.85	123	890	6.29	53.40	32.70	38.70	143.70	245.16	900.78				1420.73	1543.58	21.70	1565.28
9	2015-16			102.17	102			53.40	26.70	32.70	38.70	143.70	245.16	900.78			1441.14	1543.31	21.70	1565.01
10	2016-17			26.83	27				26.70	26.70	32.70	38.70	143.70	245.16	900.78		1414.44	1441.27	21.70	1462.97
11	2017-18									26.70	26.70	32.70	38.70	143.70	245.16	688.50	1202.16	1202.16	21.70	1223.86
12	2018-19										26.70	26.70	32.70	38.70	143.70	187.38	455.88	455.88	21.70	477.58
13	2019-20											26.70	26.70	32.70	38.70	187.38	312.18	312.18	21.70	333.88
14	2020-21												26.70	26.70	32.70	29.58	115.68	115.68	21.70	137.38
15	2021-22													26.70	26.70	24.99	78.39	78.39	21.70	100.09
16	2022-23														26.70	20.41	47.11	47.11	21.70	68.81
17	2023-24															20.41	20.41	20.41	21.70	42.11
Total		18	13	2001.67	2032.67	47148	333.34	2828.88	1414.44	1414.44	1414.44	1414.44	1414.44	1414.44	1414.44	1158.65	14221.95	16254.62	348.20	16602.82

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